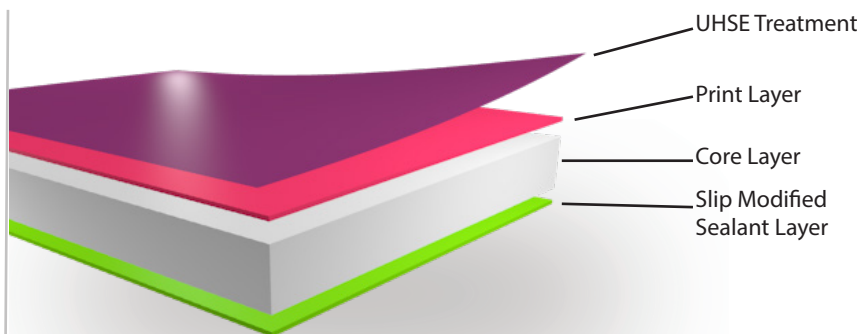


TORAYFAN[®] F61W

Applications

- Confections
- Snacks
- Bakery
- Pet food
- Ag/Chem
- Medical



Torayfan F61W

ONE SIDE TREATED, ONE
SIDE HEAT SEALABLE
BOPP PRINT WEB

Summary

One side treated with Toray's Ultra High Surface Energy (UHSE) and one side heat sealable Bi-Axially Oriented Polypropylene film. The heat seal layer contains slip additives for low and consistent COF. Designed to be the outside print web for VFFS applications.

Technical Data *

PROPERTIES		METHOD	UNITS	TYPICAL VALUES	
Thickness		-	0.00001"	60	70
Nominal Yield		-	in ² /lb	51,500	44,000
Tensile Strength at Break	MD	ASTM D882	lb/in ²	21,500	21,500
	TD			45,500	45,500
Young's Modulus	MD	ASTM D882	lb/in ²	316,000	316,000
	TD			548,000	548,000
Elongation at Break	MD	ASTM D882	%	200	200
	TD			60	60
Heat Shrinkage (284°F for 15 minutes)	MD	ASTM D1204	%	8	8
	TD			5	5
Coefficient of Friction (Sealant Side)		ASTM D1894	μ_s	0.33	0.33
			μ_d	0.25	0.25
Gloss (60°)		ASTM D2457	GU	130	130
Haze (1 sheet)		ASTM 1003	%	2	2
Wetting Tension		ASTM D2578	dyne/cm	41	41
Heat Seal Strength @ 250°F		1	g/in	310	330
Seal Initiation Temp (>200g/in)		1	°F	235	235
MVTR - 100°F, 90% RH		ASTM F1249	g/100in ² /day	0.53	0.45

1 Sentinel Sealer model 12 ASL, 0.5 sec, 20 psi. UPPER: flat, Teflon™ coated. LOWER: rubber with glass cloth, unheated

Key Features

- Excellent print quality and ink adhesion
- Wide heat seal range for lap seals
- Excellent bond in adhesive and extrusion laminations
- Stable slip system for low, continuous COF

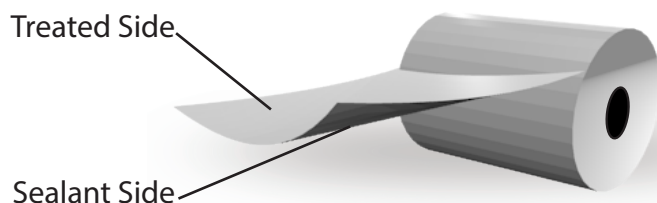
Similar Products

- F62W
- F71W

Typical Structures

- F61W/ink/PE or ADH/F61W - lap or fin seal
- F61W/ink/PE or ADH/F71W - lap or fin seal
- F61W/ink/PE or ADH/PWX4 - lap or fin seal
- F61W/ink/PE or ADH/CBS - lap or fin seal
- O.L./ink/F61W - fin seal

Winding Direction



* These values do not constitute specific binding specifications

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